

COLORADO RIVER MAIN STEM

09423500 COLORADO RIVER AT NEEDLES, CA

LOCATION.--Lat 34°51'06", long 114°36'33", in SE1/4SE1/4 sec. 19, T.9 N., R.23 E., San Bernardino meridian, San Bernardino County, Hydrologic Unit 15030101, on right bank at Needles, 15 mi upstream from Bureau of Reclamation gaging station near Topock, AZ, 30 mi downstream from Davis Dam, and 97 mi downstream from Hoover Dam.

DRAINAGE AREA.--174,500 mi², approximately, including 3,959 mi² in Great Divide basin in southern Wyoming, which is noncontributing.

PERIOD OF RECORD.--Apr. 1931 to current year (mean elevations through Sept. 1987; maximum elevations thereafter).

REVISED RECORDS.--WSP 1119:1931-47. WDR AZ-89-1:1983-88.

GAGE.--Water-stage recorder. Datum of gage is sea level. Prior to May 15, 1942, at site 550 ft downstream and May 15, 1942 to Feb. 16, 1969, at site 200 ft upstream.

REMARKS.--Elevation of river below bottom of gage (elevation 459.52 ft) Oct. 12, Jan. 16-21, 25-31, Feb. 2, 3, 5-11. Flow regulated by Lake Mead since Feb. 1, 1935, and by Lake Mohave since Jan. 17, 1950.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 475.77 ft Nov. 30, 1944; minimum recorded, 457.84 ft Feb. 26, 1973.

EXTREMES FOR CURRENT YEAR.--Maximum recorded elevation, 463.69, Apr. 15.

ELEVATION, in FT (NGVD), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	461.76	460.04	---	---	460.12	459.06	462.23	463.37	463.08	e463.00	e462.45	e460.88
2	461.54	459.73	---	---	459.95	459.35	462.78	463.32	462.49	e463.05	e461.73	e460.86
3	461.54	---	---	---	459.55	461.03	462.84	463.17	462.15	e461.69	e460.58	e460.31
4	461.16	---	---	---	459.04	461.10	462.87	462.80	462.36	e462.19	e463.04	e460.36
5	461.12	---	---	---	---	461.29	462.93	463.10	463.17	e462.67	e463.01	e460.78
6	459.47	---	---	---	459.28	461.45	462.88	463.04	463.18	e462.67	e460.65	e461.18
7	461.15	---	---	---	459.23	461.47	462.88	462.60	463.31	e462.59	e461.78	e461.08
8	461.15	---	---	---	---	461.49	462.84	462.48	463.35	e462.48	e461.97	e461.13
9	461.04	---	---	---	---	461.23	462.10	462.16	e463.42	e462.48	e462.06	e461.25
10	459.55	---	---	---	458.91	461.40	462.13	461.96	e463.40	e462.79	e461.24	e461.24
11	---	---	---	---	---	461.55	462.11	463.22	e462.48	e463.02	e461.26	e461.19
12	---	---	---	---	---	461.28	463.60	463.26	e462.84	e463.04	e461.95	e461.56
13	---	459.39	---	---	---	461.00	463.62	463.26	e462.86	e462.88	e461.94	e460.46
14	---	459.45	---	459.12	---	461.43	463.65	462.81	e462.86	e462.99	e460.73	e459.37
15	---	459.43	---	---	---	461.75	463.69	462.58	462.96	e462.50	e460.81	e459.71
16	---	459.56	---	---	---	461.17	463.62	462.95	462.95	e462.42	e460.85	e460.29
17	---	459.66	---	460.91	---	461.51	463.51	463.00	463.04	e462.73	e461.02	e460.28
18	459.51	459.49	458.94	460.98	---	461.66	463.62	463.05	463.16	e462.78	e460.94	e459.55
19	459.90	459.57	458.98	460.15	---	461.61	463.68	462.97	e463.13	e462.82	e460.35	e459.45
20	458.94	459.39	458.91	---	---	461.70	463.68	463.15	e463.06	e462.89	e460.14	e459.44
21	---	---	---	---	459.78	461.66	463.61	463.17	e462.19	e462.91	e459.63	e459.51
22	459.10	---	---	459.35	459.90	461.67	463.49	462.67	e463.05	e463.13	e461.14	e459.78
23	---	---	---	459.46	459.97	461.67	463.28	462.86	e463.24	e463.23	e461.74	e459.83
24	---	---	---	458.86	460.19	461.52	463.21	462.93	e463.12	e462.89	e461.82	e460.11
25	460.58	---	---	459.67	460.27	461.43	463.18	463.04	e462.99	e462.96	e460.28	e460.37
26	460.57	---	---	459.91	459.83	461.83	463.29	463.14	e461.24	e462.96	e460.14	e459.81
27	459.55	---	---	459.34	459.95	461.82	463.31	463.02	e462.78	e462.32	e460.88	e459.92
28	459.72	---	---	459.71	460.01	462.10	463.39	463.02	e462.81	e461.84	e461.20	e460.26
29	459.23	---	---	459.54	---	462.11	463.59	462.82	e462.80	e461.81	e461.13	e460.56
30	459.15	---	459.17	459.53	---	462.25	463.64	462.99	e462.89	e461.83	e460.70	e460.82
31	459.20	---	---	459.98	---	462.21	---	463.07	---	e462.46	e460.80	---
MAX	---	---	---	---	---	462.25	463.69	463.37	463.42	463.23	463.04	461.56
MIN	---	---	---	---	---	459.06	462.10	461.96	461.24	461.69	459.63	459.37

e Estimated